

U.S./China Energy and Environmental Center

Funding Schedule by Activity

(dollars in thousands)

	FY 2004 Comparable Appropriation	FY 2005 Comparable Appropriation	FY 2006 Base	FY 2006 Request	FY 2006 Request vs Base	
					\$ Change	% Change
U.S./China Energy and Environmental Center	988	986	986	0	-986	-100.0%
Total, U.S./China Energy and Environmental Center ...	988	986	986	0	-986	-100.0%

Description

The U.S./China Energy and Environmental Technology Center (EETC) is co-funded by the DOE and China's Ministry of Science and Technology. The EETC works to facilitate the export of American goods and services to China's growing power industry, with its focus on increasing the market share of U.S. clean coal technologies.

Benefits

China's growing power industry represents a huge potential market for U.S. goods and services valued at billions of dollars. The adaptation of U.S. clean coal technologies can, in addition to generating export revenue, minimize the global environmental impact of China's growth.

Detailed Justification

(dollars in thousands)

FY 2004	FY 2005	FY 2006
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U.S./China Energy and Environmental Technology

Center	988	986	0
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No funding is request for FY 2006.

In FY 2005, the EETC has a baseline set of activities that includes maintenance of its facilities, support of industrial partners meetings and activities related to the U.S./China Fossil Energy Protocol, and emissions reductions in China. One meeting will include plant tours for Chinese attendees, where they will observe U.S. clean coal technologies in commercial operations. In FY 2005, the EETC is assisting in a study that will result in NO_x reductions from China's largest thermal power plant. Toward this end, the EETC is providing information to plant management on the performance of NO_x control technologies, including those that were developed and demonstrated under the Clean Coal Technology Program. Additionally, the EETC is assisting its Chinese partners in the development of a coal quality management plan for the City of Beijing. Beijing will use the results of this plan in the

(dollars in thousands)

FY 2004	FY 2005	FY 2006
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implementation of its planned air quality improvement program which is being undertaken prior to the 2008 Olympic Games. This project is part of an overall EETC program to adapt U.S. techniques for the reduction of emissions from industrial and municipal heating plants in China. These plants emit hundreds of millions of tons of CO₂ annually as well as enormous amounts of pollutants.

In FY 2004, the EETC had a baseline set of activities that included maintenance of its facilities, support of industrial partners meetings and activities related to the U.S./China Fossil Energy Protocol, and emissions reductions in China. Two industrial partners meetings were held in FY 2004, one in February 2004, and the other in the summer of 2004. The summer meeting included plant tours for Chinese attendees, where they observed U.S. clean coal technologies in commercial operations. In FY 2004, the EETC assisted in a study that resulted in NO_x reductions from China's largest thermal power plant. Toward this end, the EETC provided information to plant management on the performance of NO_x control technologies, including those that were developed and demonstrated under the Clean Coal Technology Program. Additionally, the EETC assisted its Chinese partners in the development of a coal quality management plan for the City of Beijing. Beijing used the results of this plan in the implementation of its planned air quality improvement program which is being undertaken prior to the 2008 Olympic Games. This project was part of an overall EETC program to adapt U.S. techniques for the reduction of emissions from industrial and municipal heating plants in China. These plants emit hundreds of millions of tone of CO₂ annually as well as enormous amounts of pollutants.

Total, U.S./China Energy and Environmental

Technology Center	988	986	0
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Explanation of Funding Changes

FY 2006 vs. FY 2005 (\$000)

U.S./China Energy and Environmental Center

It is anticipated that activities will continue into FY 2006 with existing funds	-986
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Total, U.S./China Energy and Environmental Center	-986
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